

L 20488-65

ACCESSION NR: AP4039420

a good quality of the beam, minimum geometric aberrations and minimum current non-homogeneity. In contrast to the previously used designs, the entire gun is placed outside of the acceleration space of the betatron, and the beam is introduced into the equilibrium orbit by means of a channel which is shielded from the magnetic field by a narrow tube made out of soft magnetic material, mounted on the gun's second anode. This tube is fitted out with a winding which compensates the betatron's magnetic field. The tube also has small electrostatic baffle plates which are used for precise adjustment of the injection angle. This new concept is expected to augment the trapped charge and to reduce the number of rejects in the production of acceleration chambers. This concept will also facilitate in determining the injector compensation in the changing magnetic field and will increase the perveance up to 3×10^{-8} amps/volt^{3/2}. The high voltage source for the gun can be determined with a pulse length of 2.5 microseconds with only a small disturbance of the aligned parts. Original article has: 10 figures and 13 equations.

ASSOCIATION: Ustav pro fyziku plazmatu CSAV, Prague (Plasma Physics Institute, CSAV)

SUBMITTED: 03Feb64

ENCL: 00

SUB CODE: EC, NP

NO REF SOV: 000

OTHER: 017

Card 2/2

SEDLACEK-PAJAS, P.

Pyocyaneus meningitis; case report. Neuropsihijatrija 3 no.2:
132-135 1955.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog Fakulteta,
Zagreb (Pred: Prof. dr. R. Lopasic).

(MENINGITIS, bacteriology,
Pseudomonas pyocyanea)
(PSEUDOMONAS, INFECTIONS,
pyocyanea meningitis)

SEDLACKO, A.

Problem of safety at railroad crossings, p. 318, ZELEZNICE (Ministerstvo dopravy) Praha, Vol. 4, No. 12, Dec. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

SEDLACKO, A.

Some problems of car service as seen by transportation workers. p. 207

ZELEZNICNI DOPRAVA A TECHNIKA. (Ministerstvo dopravy) Praha, Czechoslovakia.
Vol. 7, no. 9, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 12, Dec. 1959
Uncl.

SEDLÁČKOVÁ, Anna; TOSOVSKÝ, Václav; FRYDRYCHOVÁ, Marie

Post-traumatic osteolysis of the cranial bones. Acta chir. orthop. traum. cech. 25 no.1:9-12 Feb 58.

1. Orthopedické oddelení polikliniky KU v Praze, přednosta prof. Miroslav Jaroš
Klinika dětské chirurgie v Praze, přednosta doc. Dr. Václav Kafka -
Oddelení traumatologické, primar doc. Dr. Václav Tosovsky.
(CRANIUM, dis.
osteolysis, post-traum. (Cz))

SEDLACKOVA, E.

Control of mass diseases. Prakt. lek., Praha 32 no.1:15-24 5 Jan
1952. (CLML 22:2)

IPSER, Josef: TEPLÁRNA, SLUŽBA: VODNÍ, B. 11

Comparison of thermic effects of hyperthermic mud and water baths.
Čas. lek. česb. 96 no. 29:914-917 12 July 57.

1. Všechny ustav balneologický, Padesátá v Praze, reditel prof.
MUDr. S. Stenovsky.

(HYPERTHERMIA)

eff. of hyperthermic water baths, comparison with
hypothermic muds (Čas)

(HYPERTHERMIA)

eff. of hyperthermic muds, comparison with hyperthermic
water baths (Čas)

SEDLACKOVA, E., MUDr.

Balneological cardiological care in Czechoslovakia. Cesk. zdravot.
9 no.1:29-34 '61.

1. Vyzkumny ustav balneology, reditel prof. MUDr. K. Prerovsky.
(CARDIOVASCULAR DISEASES ther) (BALNEOLOGY)

SEDLACKOVA, Eliska

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Research Institute of Physiatry, Balneology and Climatology

Affiliation: ("Vyzkumny ustav pro fyziatrici, balneologii a klimatologii);
Director (Reditel): Prof MUDr K Prerovsky

Source: Prague, Fysiatricky Vestnik, Vol XXXIX, No 4, August 1961,
pp 220-225

Data: "The Preventive Trend of Balneological Care."

KUBIS, M.; JANOUSEK, M.; JANICEK, M.; SEDLACKOVA, E.

Changes in heart sounds during pregnancy. Cesk. gynek. 30
no.4:282-286 My'65.

1. I. vnitřní klinika lékařské fakulty Palackého University
v Olomouci (prednosta: prof. dr. P. Lukl.).

SEDLÁČKOVÁ, E.

Czechoslovakia

Research Institute for Physiatry, Balneology and
Climatology -- Prague (Výzkumný ústav pro
Fyziatrii, balneologii, a klimatologii -- Praha);
Director: K. PREKOVSÝ, Prof. Dr.

Prague, Fyziatrický Věstník, No 5, 1962, pp 276-279

"Organizational and Methodological Activities in the
Sphere of Czechoslovak Balneology."

LABOVA, Marie; SEDLACKOVA, Eva

Disorder of musical hearing in hyperkinetic dysphonia in children.
Cesk. otolaryng. 11 no.1:4-7 F '62.

1. Foniatricks laborator fak. vseob. lek. KU v Praze, prednosta prof.
MUDr. M. Seeman, DrSc.

(SPEECH DISORDERS physiol)
(HEARING physiol)

SEDLACKOVA, E.

[illegible]

30

SEDLACKOVA, E.; VRTICKA, K.

Speech development in children with congenital defects of the
palate. Cesk. pediat. 19 no.3:239-242 Mr'64

1. Foniatrickska laborator fakulty vseobecneho lekarstvi KU v
Praze; reditel: prof.dr. M.Seeman, DrSc.

X

SEDLACKOVA, Eva, MUDr; SIMEK, Jiri, doc. MUDr

Hearing disorders in idiopathic and symptomatic athetosis. Cas.
lek.cesk. 91 no.7:198-202 15 Feb 52.

1. Z otolaryngologické kliniky Karlovy university; prednosta: prof.
MUDr A Precechtel; foniatické oddelení; prednosta prof. MUDr M.
Seeman. Z neurologické kliniky Karlovy university; prednosta: prof.
MUDr K. Hanner.

(HEARING DISORDERS, complications,
athetosis)

(ATHETOSIS, manifestations,
hearing disord.)

SEDLACKOVA, E., MUDr.

Insufficiency of palatolaryngeal passage as a developmental disorder. Cas. lek. cesk. 94 no. 47-48: 1304-1307 25 Nov 55.

1. Z otolaryngologické kliniky KU v Praze, přednosta akad.

A. Precechtel Z foniatrického oddělení ORL kliniky, přednosta prof. Dr. M. Seeman.

(LARYNX, abnormalities,
palatolaryngeal insuff.)

(ABNORMALITIES,
palatolaryngeal insuff.)

(PALATE, abnormalities,
palatolaryngeal insuff.)

SEDLACKOVA, Eva (Foniat. odd. fak. nem. UNZ---UNV, Praha)

Dysphonia spastica in children caused by vocal abuse. Cesk. pediat.
14 no.1:60-66 5 Jan 59.

1. Foniaticke oddeleni fakultni nemocnice UNZ---UNV, Praha, prednosta
prof. MUDr. Miloslav Seeman.

(VOICE

dysphonia spastica in child. caused by vocal abuse (Cz))

SEDLACEK, Karel; SEDLACEK, Eva

Assessment of occupational voice disorders (from the viewpoint of more accurate classification). Bratis. lek. 16 no.6:250-254, 1964.

1. Otolaryngologická klinika fakulty všeobecného lékařství
Karlovy University v Praze (prejádosta - prof. dr. K. Sedlacek)
a Foniatrická laborator fakulty všeobecného lékařství Karlovy
University v Praze (reditel - prof. dr. M. Seeman, DrSc.)

SEDLACKOVA, E.

2

CSSR

R

ZABRODCKY, A., SEDLACKOVA, E., LISKA, K.

2nd Stomatological clinic of the fakulty for general medicine of Charles University (II. stomatologicka klinika fakulty vseobecného lékařství KU), Prague, director: Prof. Dr. Fr. Urban, DrSc.
Phoniatric laboratory of the fakulty for general medicine of Charles University (foniatrická laborator fakulty vseobecného lékařství KU) Prague, director: Prof. Dr. M. Seeman, DrSc

Prague, Ceskoslovenska Stomatologie, No 2, 1963, pp 110-116

"Manifestations of Urbach-Wiethe Lipid Proteinosis on the Oral and Laryngeal Mucosa"

JANICEK, M.; CIENCIALA, P.; SEDLACKOVA, E.

Relation between travelling to work and the incidence of hypertension in industrial workers. Cas. lek. cesk. 103 no.25:691-694
19 Je'64

1. I. vnitřní klinika lékařské fakulty PU [Palackého university]
v Olomouci; přednosta : prof. dr. P. Lukl.

JANICEK, M.; JAROUSKEJ, H.; KUBIS, M.; SEDLACKOVA, S.

Takayasu's disease and syndrome. Experiences with long-term conservative therapy. Vnitri Lek. 11 no.4:356-360 Ap'65.

1. I. vnitri klinika Palackeho University v Olomouci (prednosta: prof. MUDr. P. Lukl).

SEDLACKOVA, J.

On the problem of Axenfeld's accessory episcleral ganglia
and the free ganglion cells of the orbit. Cesk. oftal. 21
no.4:309-311 J1 '65.

1. Očni klinika hygienické fakulty Karlovy University v
Praze (prednosta prof. dr. F. Vrabec, DrSc.).

KEIL, B.; TOMASEK, V.; SEDLACKOVA, J.

On albumins and aminoacids. Part 14. Quantitative analysis of dinitro-phenylized albumins [with summary in German]. Sbor.Cekh.khim.rab. 18 no.2:275-284 Ap '53. (MLRA 7:6)

1. Institut organicheskoy khimii Chekhoslovatskoy Akademii nauk, otdeleniye organicheskoy biokhimii, Praga. (Dinitrophenyl) (Albumin)

KOLIN, Jan; SEDIACKOVA, Jirina

Experiences with tosmilen therapy of glaucoma. Cesk. ofth. 15 no.2:
125-130 Apr 59.

1. Očni klinika fakultní nemocnice v Praze 12, prednosta prof. dr.
J. Janku.

(GLAUCOMA, ther.

decamethylene-bis- α , ω -(m-dimethylaminophenyl-N-methylcar-
bamate methobromide) (Cz))

(METHONIUM COMPOUNDS, ther. use,

decamethylene-bis- α , ω -(m-dimethylaminophenyl-N-methyl-
carbamate methobromide ther. of glaucoma (Cz))

(NEOSTIGMINE, rel. cpds.

same)

BEDLAKOVA, J.

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologické oddelení krajské nemocnice a poliklinikou v Ostrave), Ostrava; Director: Vaclav KOPEC, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 351-354.

"Closure of Defect after Partial Resection of the Upper Jaw for a Myxofibroma by a Tubular Flap".

MYSLIVECEK, J.; SEDLACEK, J.; SEDLACKOVA, M.

Some experiences with the method of salivary reflex conditions
in dogs. Cas. lek. cesk. 94 no.3:55-60 14 Jan 55.

1. Katedra fyziologie fak. vseob. lekarstvi KU. Pracovni skupina
vyszli nervove cinnosti
(REFLEX, CONDITIONED
salivary, in dogs)

SEDLACKOVA, M.

On blood circulation relations in some mammalian fetuses and in newborn infants. *Cesk. pediat.* 17 no.1:75-78 Ja '62.

1. Detska klinika v Hradci Kralove, prednosta prof. dr. J. Blecha.

(FETUS physiol) (INFANT NEWBORN physiol)
(BLOOD CIRCULATION physiol)

SEDLACKOVA, O.

Rapid methods for analysis of silicates. p. 375.
CHEMICKE ZVESTI. (Slovenska akademia vied a umeni,
Spolok chemikov na Slovensku) Bratislava.
Vol. 10, No. 6, June 1956.

SOURCES: EEAL - LC Vol. 5, No. 10 Oct. 1956

BARTOS, Vladimir; GROH, Jindrich; ERBEN, Josef; Technicka spoluprace DOBROVOLNA,
Anna; KOUBOVA, Marie; SCHROFLOVA, Alena; SEDLACKOVA, Stanislava

The diuretic value of chlorothiazide Spofa and hydrochlorothiazide
(Esidrex Ciba). Cas. Lek. Cesk. 101 no.5:129-138 2 F '62.

1. I interni klinika lekarske fakulty KU v Hradci Kralove, prednosta
prof. DrSc. MUDr. Jan Rehor.

(CHLOROTHIAZIDE)

SEPLACZEK H.

✓ Steel Technology: Iron and Steel Making. G. Bulla. Rolling
Mill Technology. H. Sedlacek. (Z.V.J.I., 1965, 97, Nov. 1,
1111-1125). This is a broad survey of current trends and
likely developments of steel plant over the next thirty years.
The subjects singled out for discussion are: sintering and other
means of utilization of lean ores, production of coke from
inferior coals, changes in conventional blast furnaces, electrical
and solid-fuel low-shaft furnaces, oxygen blowing of the
open-hearth furnace and pure oxygen furnace, oxygen blown
converter, electric furnaces, changes in steel works transport
and layout, roll pass design, rolling force and power con-
sumption, and cold strip rolling.—J. O. W.

Metal

3
8
0

SEDLACZEK, L.; CZERNIAWSKI, E.; ZABLOCKI, B.

The specific protective effect of lipopolysaccharide-protein symplexes isolated from Escherichia coli on the sensitivity of gram-positive bacteria to penicillin. Bul Ac Pol biol 7 no.5:173-176 '59. (EEAI 9:7)

1. Department of Systematic microbiology, Lodz University.
Presented by E.Mikulaszek.

(ESCHERICHIA COLI)
(PROTEINS)
(LIPOPOLYSACCHARIDES)
(BACTERIA)
(PENICILLIN)

ZABLOCKI, B.; SEDLACZEK, L.; CZERNIAWSKI, E.

The effect of lipid-polysaccharide-protein symplexes isolated by various methods from Escherichia coli on the penicillin-sensitivity of staphylococci. In English. Bul Ac Pol biol 8 no.9:519-522 '60. (EEAI 10:7)

1. Department of Microbiology, Lodz University. Presented by E. Mikulaszek.

(LIPIDES) (POLYSACCHARIDES) (PROTEINS)
(ESCHERICHIA COLI) (PENICILLIN) (STAPHYLOCOCCUS)

SEDLACZEK, L.; ZABLOCKI, B.

Relation between thermogenesis and baceterial mass increase. Bul
Ac Pol biol 10 no.6:209-214 '62.

1. Department of Microbiology, University, Lodz. Presented by
E.Mikulaszek.

SEDLACZEK, Leon

Studies on the connection between thermogenesis and growth in cultures of *Streptococcus faecalis*, *Proteus vulgaris*, and *Shigella sonnei*. *Nauki matemat przyrod Lodz* no.13:17-29 '62.

1. Katedra Mikrobiologii, Uniwersytet, Lodz.

*

LAB. 001, Warsaw; 001-001, 1961; 001-001, 1961.

Application of microanalysis to biocatalytic studies in microbiology. - wstopy mikrobiol 3 no.1:81-89 '64.

1. Department of Microbiology, University, Lodz.

SEDIACZEK, Leon

Heat balance of growth of some bacterial cultures. Acta
microbiol. Pol. 13 no.2:101-111 '64.

1. From the Department of Microbiology, University of Lodz.

BROKMAN, Henryk; MATULEWICZ, Stanislaw; SEDLACZEK-KOMOROWSKI, Ludomir

Respiratory tract during electric, cardiazol and insulin shocks.
Neurologia etc. polska 4 no.1:17-22 Ja-F '54.

1. Z Kliniki Chorob Dzieciacych, Kierownik: prof. dr H.Brokman,
Zakladu Radiologii. Kierownik: prof. dr W.Grabowski i Kliniki
Chorob Psychiczych A.M.G. Kierownik: prof. dr T.Bilikiewicz.
(SHOCK THERAPY,
*lungs in electric, insulin & metrazol shocks)
(LUNGS, physiology,
*in shock ther.)

GLADYSEV, V.P. [Gladyshev, V.P.]; SEDLAK, A. [translator]

Polarization of an electrode to extreme positive potential
in alternating current oscillographic polarography. Chem
zvesti 17 no.8:575-580 '63.

1. Kazakhskiy gosudarstvennyy universitet, Alma-Ata (for
Gladyshev).

GLADYSEV, V.P. [Gladyshev, V.P.]; SEDLAK, A. [translator]

Oscillopolarographic examination of 3-hydroxy-4-pyrone derivatives. Chem zvesti 17 no.8:581-585 '63.

1. Kazakhskiy gosudarstvennyy universitet, Alma-Ata (for Gladyshev).

SEDLAK, B.; KRATKY, Zi.

Apparatus for removal of insulation from telephone wires. Sdel
tech 11 no.10:396-397 0 '63.

I 41785-66
ACC NR: AP6031679

SOURCE CODE: CZ/0042/66/000/003/0204/0206

AUTHOR: Kurka, B.; Sedlak, B.

ORG: Department of General Physics, MFF, KU (Katedra obecne fysiky MFF-KU)

TITLE: Design of a transistorized RC generator

SOURCE: Elektrotechnicky casopis, no. 3, 1966, 204-206

TOPIC TAGS: transistorised generator, electronic amplifier

ABSTRACT: The article presents the calculations and circuits of a transistorised RC generator, a modification of the usual device employing a Wien bridge. The generator is applicable in a very large range of frequencies, especially if it is the direct connection between two transistors in an amplifier. Orig. art. has: 4 figures and 4 formulas. [JPRS: 36,644]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

Card 1/1

SLEMAK, IGUMIL.

Bezpečnost práce v zemědělství, 2. oprav. a doplnené vyd. Praha, RMH, 1953.
133 p. (Knížnice ochrany a bezpečnosti práce, čís. 17) [Safety of work
in agriculture. 2d rev. and enl. ed.]
DA Not in DIA

S : Monthly List of East European Accessions (EAL) 10, Vol. 6, no. 10, October 1957. Uncl.

VACIK, Lubor; SEDIK, Bratislav

Mechanical resistance of erythrocytes and acetylcholinesterase.
Scr. med. fac. med. Bratislava 38 no.1:41-49 1965

1. Laborator patofyziologie krvního obehu při II. vnitřní
klinice lékařské fakulty University J.E. Purkyně v Brně
(vedoucí: prof. MUDr. Jiri Folcák).

OLSANSKY, Cestmir; SEDLAK, Bronislav, inz.; MINARIK, Rudlof, inz.

Line for processing large cakes of cheese to be stored in caves on pallets. Prum potravin 15 no.12:624-627 D '64.

1. Institute of Dairy Research, Prague, Worksite Zeletava (for Olsansky). 2. Strojirny potravinarskeho prumyslu, Hradec Kralove (for Sedlak). 3. Lacrum National Enterprise, Brno, Branch Enterprise Zeletava (for Minarik).

SEDLAK, F.

Single-phase traction motor for a frequency of 50 cycles per second with indirect resistance connections. p. 340.

(Elektrotechnický Obzor. Vol. 46, no. 7, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SULAN, S.; SEDLAK, F.; HUBMAN, V.; KOVAC, F.; BONIAS, J.

On the problem of chronic gastritis in soldiers. Voj. zprav.
listy 34 no.3:99-101. Je '65.

1. Interní oddělení vojenské nemocnice v Jarmereči (necelní)
prof. MDr. Václav Dobrá a Pathologicko-anatomický ústav
Lékařské fakulty v Hradci Králové (prednosta prof. MDr. A.
Fingerland, DrSc.)

Internal Medicine

CZECHOSLOVAKIA

UDC 616.33-002.44-007.251

HORSKY, Vladimir, Dr Lieut.Col.; SEDLAK, Frantisek, Dr Lieut. Col.; Surgical and Internal Department of Military Hospital (Chirurgické a Interní Oddelení Vojenské Nemocnice), Jaromer.

"Formation and Perforation of a Peptic Ulcer During Treatment with Dexametazone."

Prague, Vojenske Zdravotnicke Listy, Vol 36, No 1, Feb 67, pp 29 - 30

Abstract: The case of a patient who was administered 20 mg of Dexametazone during a treatment of primary chronic polyarthrititis is discussed. The development of the ulcer was recognized, and successful surgical treatment applied. The necessity of regular checking for possible damage to the digestive tract during any treatment in which steroid hormones are administered is stressed. 6 Western, 3 Czech, 3 USSR references.

1/1

AUTHOR: Sedlak, F., Engineer

105-58-6-25/33

TITLE: Concerning the Elaboration of Conditions for Brushes in Electrical Machines With Difficult Current-Commutation (K voprosu razrabotki usloviy na shchetki dlya elektricheskikh mashin s zatrudnennoy kommutatsiyey toka)

PERIODICAL: Elektrichestvo, 1958, Nr 6, pp. 88-88 (USSR)

ABSTRACT: This is a comment on the article by O. G. Vegner and V. G. Vegner in Elektrichestvo, 1957, Nr 1; In this article it is recommended to use such sorts of brushes which possess a transition-voltage-drop at a given current density. The experiments performed, however, contradict these recommendations. The experiments were performed with the brushes EG 97. On their basis it can be said that the transition-voltage-drop under certain parts of the working surface of the brushes is determined by the maximum current-density in these parts and that its changes in a certain mode of operation of the machine follow a volt-ampere-characteristic corresponding to the given maximum current-density. It cannot be reckoned with the fact that the characteristics corresponding to the low current-densities could be used in the brush work, for even under con-

Card 1/2

Concerning the Elaboration of Conditions for Brushes in
Electrical Machines With Difficult Current-Commutation

105-58-6-25/33

ditions of an accelerated commutation with a stage of low
amperage the current density under the edge of brush running
down will attain the nominal values. Therefore it is at pres-
ent not yet possible to evaluate the commutation properties
of the brushes according to their physical properties. It
would be more expedient to compare these properties directly
during the commutation in the real machine itself or in a mo-
del (Ref 1). There is 1 reference,

ASSOCIATION: Fabrika "Elektrokarbon", Chekhoslovakiya (Elektrokarbon"
Factory, Czechoslovakia)

1. Carbon brushes---Electrical properties 2. Carbon brushes---Elec-
trical factors 3. Carbon brushes--Performance 4. Electric
currents--Control

Card 2/2

SEDLAK, F.

Focus studies. I.

p. 160 (CASOPIS PRO PESTOVANI MATEMATIKY) Vol. 82, no. 2, May 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

SEDLAK, F.

Dynamics of laboratory findings in rheumatic fever. Cas. lek. ceak.
103 no.39:1075-1078 25 S '64.

1. Interni oddeleni vojenske nemocnice v Jaromeri (vedouci MUDr.
V. Doblas).

SEDLAK, Frantisek (Radlicka 98, Praha XVI-Radlice); KOSMAK, Ladislav
(Kotlarska 2, Brno)

A study of focal curves. Part II. Cas pro pes mat 86 no.3:352-357 '61.

1. Přírodovědecká fakulta university J. E. Purkyně, Brno.

L 9770-66

SOURCE CODE: C2/0049/65/000/002/0100/0104

ACC NR: AP6001127

AUTHOR: Sedlak, Jozef—Sedlak, Iozef (Engineer)

ORG: Institute for Endocrinology, Slovak Academy of Sciences, Bratislava (Endo-
krinologicky ustav Slovenskej akademie vied)

TITLE: Content of volatile mustard oils in winter cabbage. (Correlation between
plant goitrogenicity and sulfur utilization V.)

SOURCE: Biologia, no. 2, 1965, 100-104

TOPIC TAGS: plant chemistry, plant physiology

ABSTRACT: [Author's English summary]: The content and the qualitative composition of volatile mustard oils were estimated in winter cabbage (*Brassica oleracea*, var. capitata Amager). The results of analyses of 84 heads of cabbage gave a mean value for the content of volatile mustard oils of 2.8 mg% with a standard deviation of + 1.8 mg% expressed as allylisothio cyanate. Paper chromatography was used to identify the composition of volatile mustard oils, which in the order of stain intensity, was as follows: allylisothiocyanate, 3-butenyl isothiocyanate, and 4-methyl thiobutylisothiocyanate. The author thanks Prof. Dr. A. Kjaer in Copenhagen for the presentation of the standard specimens. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06

SUBM DATE: none / ORIG REF: 004 / OTH REF: 013

Card 1/1

L 13317-66 EWP(j)/T RPL WW/JWD/RM

ACC NR: AP6005508 (A) SOURCE CODE: CZ/0078/66/000/001/0023/0023

INVENTOR: Svejka, O. (Engineer; Pardubice); Sedlar, J. (Engineer; Brno)

ORG: none

TITLE: Solid rocket propellant, CZ Pat. No. PV 5570-63

SOURCE: Vynalezky, no. 1, 1966, 23

TOPIC TAGS: solid propellant, rocket propellant, ~~propellant~~ rocket engine, resin, polyester plastic, polymerization, combustion, sodium compound

ABSTRACT: The patent introduces a solid fuel for small rocket engines with a metallic or nonmetallic chamber and nozzle. It contains a polyester resin and additives for polymerization and combustion and 50-90% sodium chlorate as the oxidizer. [PV]

SUB CODE: 21/ SUBM DATE: 11Oct63/ ATD PRESS: 4/58

Card 1/1 FW

SEDLAK, J., inz.

Prospects of complex mechanization of potato cultivation, harvesting,
and sorting. Zemedel tech 9 no.3:215-220 Je '63.

1. Vyzkumny ustav zemedelske techniky, Rapy u Prahy.

SEDLAK, J.

"Mechanization of potato harvesting according to the results of the work of the Research Institute for the Mechanization and Electrification of Agriculture."

p. 109 (VEDECKE PRACE. Vol. 1, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 7, 1958

SEDLAK, J.

Research on the mechanization of harvesting potatoes in heavy soils and on slanting ground. p. 301.

Praha. Ceskoslovenska akademie zemedelskych ved. SEBORNA, ZEMEDELSKA
TECHNIKA. Praha, Czechoslovakia. Vol. 5. no. 4/5 Aug. 1959

Monthly list of East European Accessions (EEAI) IC Vol. 9, no. 2
Feb. 1960. Uncl.

SEDIAX, J.

Determination of cooling output of first- and second-degree cooling equipment. p. 443

TECHNICKA PRACE (Slovenske nakladatelstvo technickej literatury)
Vol. 8, No. 10, Oct. 1956

Bratislava, Czechoslovakia

Source: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

SEDLAK, J.

"Mechanics of clutches of motor vehicles." Technicka Praca, Bratislava, Vol. 6, No. 1, Jan. 1954, p. 21.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

SEDLAK, J.

TECHNOLOGY

PERIODIC L: ELEKTROTECHNICKY OBRAT. VOL. 47, no. 8, Aug. 1958

Sedlak, J. Resistance of logn electric-power lines when unloaded and short circuit d. p. 397/

Monthly List of East European Accessions (MEAI), LC, Vol. 8, no.5,
May 1959, Unclass.

SEDLAK, J.

TECHNOLOGY

ELEKTROTECHNICKY OBYOR.

SEDLAK, J. A simple calculation of long-distance power lines, p. 637.

Vol. 47, no. ¹² 1, Aug. 1958.

Monthly List of East European Accessions (EEA) LC, Vol. 8, no. 5
May 1959, Unclass.

SEDLAK, J

Distribution of drugs. Cas. cask lek. 63 no.20:247-250 31 Oct 50.
(CML 20:4)

187/60. 1587.691.18
Investigation of a high-energy electron-photon cascade in
emission. E. Fenyves, A. Frankel, V. Petrálik,
J. Hadlak, F. Tolbier, J. Vrana, A. Magyar Tudom-
ányos Akadémia Közlemények Fizikai Kutató Intézetének
Közlönyei (Proceedings of the Central Research Institute
for Physics of the Hungarian Academy of Sciences), Vol. 7,
1959, No. 4, pp. 183-184, 3 figs., 2 tabs.

A photon-initiated high-energy electron-photon cascade
was investigated. The energy of a primary photon, approx.
 $2 \cdot 10^{10}$ eV, was determined from the longitudinal develop-
ment and the lateral distribution of the cascade. The energy
spectrum of electron pairs generated on the first 1.5 cascade
units was measured. The spectrum obtained does not deviate
significantly either from the spectrum calculated by the
Bethe-Heitler formula or from that calculated by Migdal
based on the Landau-Pomeranchuk-Ter Mikaelyan theory.

SEDLAK, J.

Relation of central movements to work load. Activ. nerv. sup. 4 no.2:
190-192 '62.

1. Katedra psychologie lekarske fakulty University J. Ev. Purkyne
v Brne.

(EXERTION) (MOVEMENT physiol)

FENYVES, Ervin; FRENKEL, Andor; PETRZILKA, V.; SEDLAK, J.; VRANA, J.

Investigation of high-energy electron-photon cascade in emulsion.
Koz fiz kozl MTA 7 no.4:183-188 '59. (EEAI 9:8)

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Kozmikus Sugarzasi Osztaly (for Fenyves, Frankel and Telbisz).
2. Csehszlovak Tudomanyos Akademia Fizikai Intezete, Karoly Egyetem
Muszaki es Magfizikai Fakultasa (for Pertzilka, Sedlak, Vrana)
(Electrons) (Photons) (Cascades)

22149

S/056/61/040/003/003/031
B113/B202

24.6900

AUTHORS: Pernegr, Ya., Sedlak, ^JJa., Tuček, I., Šimák, W.

TITLE: Successive interactions of heavy nuclei of primary cosmic radiation

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 40, no. 3, 1961, 978-979

TEXT: Preliminary results have been obtained by means of nuclear emulsion plates which had been irradiated. 6 pairs of successive or parallel interactions of heavy nuclei have been found. Their characteristics are given in the table. N_h denotes the tracks of the emanation particles, Z the charge of the incident nucleus, Z_i the charges of the fragmentation products, γ_c is determined from the relation $\log \gamma_c = \log \cot \theta_1$, n_1 and n_2 are the particle numbers in narrow and/or wide cones, which spread with respect to the quantity γ_c and n_1' and n_2' are the particle numbers in cones which spread with respect to the quantity

Card 1/4 3

20710

S/056/61/040/003/029/031
B113/B202

Successive interactions of...

γ_c^1 where $\gamma_c^1 = (\gamma_1 \gamma_2)^{1/2}$. It is of interest that the values γ_c of single interactions mostly diverge in one pair; since the energies for both incident nuclei must be equal in the laboratory system, the difference of the values γ_c results from unequal effective masses of interacting nuclei M_1 and M_2 on the condition that they interact like bodies. Case 208a.0 shows that on the reduced condition $M_1(a):M_2(a) = M_1(\delta):M_2(\delta)$ the ratio of the effective masses is equal to the ratio $\gamma_c(a):\gamma_c(\delta) = 9$. The ratio of the effective masses in the case concerned is extremely high so that it is difficult to use a hydrodynamical model to which a continuous curve corresponds in the integral distribution. The ratio for the values γ_c^1 is smaller than for the values γ_c ; the asymmetry of the numbers of the emitted forward- and/or backward-scattered particles increases especially in cases with large anisotropy. Such an asymmetry was observed in the case of the interaction 208a.9, 191 etc. The number of emitted particles seems to be proportional to the effective mass of the interaction nuclei. There

Card 2/4³

22149
S/056/61/040/003/029/031
B113/B202

Successive interactions of...

are 1 figure, 1 table, and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Physics Institute of the Czechoslovakian Academy of Sciences, Prague

SUBMITTED: January 7, 1961

Legend to the table: 1) Successive interactions. 2) Parallel interactions.
3) The values of the angular distribution of the particles for the case 203 were made available by Doctor E. Fenyves of Budapest. The cases 203a and 203b are described in the papers by G. Biczó, G. Bozóki, E. Fenyves, E. Gombosi, J. Pernegr, J. Sedlák (Ref. 1: Internationale Arbeitstagung über die Physik hoher Energien, Weimar, 1960, p. 85).

Card 3/4

CZECHOSLOVAKIA

SEDER, J., MICHALOVSKÝ, K., KALOČAI, S., Czechoslovak Academy of Sciences, Endocrinological Institute of the Slovak Academy of Sciences (CSAV, Endokrinnologický ústav Slovenskej akadémie vied), Bratislava.

"Effect of a lowered Sulphate Intake on the Sulphur Utilization in Winter Cabbage"

"Correlation Between Plant Goitrogenicity and Sulphur Utilization IV."

Bratislava, Biologia, Vol. 18, No. 3, 63, pp 210 - 220.

Abstract (Authors' English summary modified): Experiments were conducted in growing cabbage with a minimum supply of sulphate in fertilizer and with an excess of it. The total content of S was several times higher in plants supplied with excess of sulphates. The nutritional value of the cabbage was however the same in both cases. 2 Figures, 5 Tables, 13 Western, 4 Czech, 1 Russian references.

1/1

2

CZECHOSLOVAKIA

VLASAK, M. and KAPLAN, J.; Psychology Institute (Psychologický ústav) Brno and Institute of Aviation Medicine (Ústav leteckého zdravotnictví), Prague.

"Training of Pilots of Rapid Planes."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 288-289.

Abstract: Brief discussion of study of pilot selection and training methods, confirming general usefulness of tachystoscopic and other types of simulation of flight emergency methods. Various aspects of pilot selection procedures are mentioned.

1/1

14

SEDIAK, J., doc., inz., CSc.

Twenty-fifth anniversary of the Slovak Higher School of
Technology in Bratislava. Strojirenstvi 13 no.11:801-802
N '63.

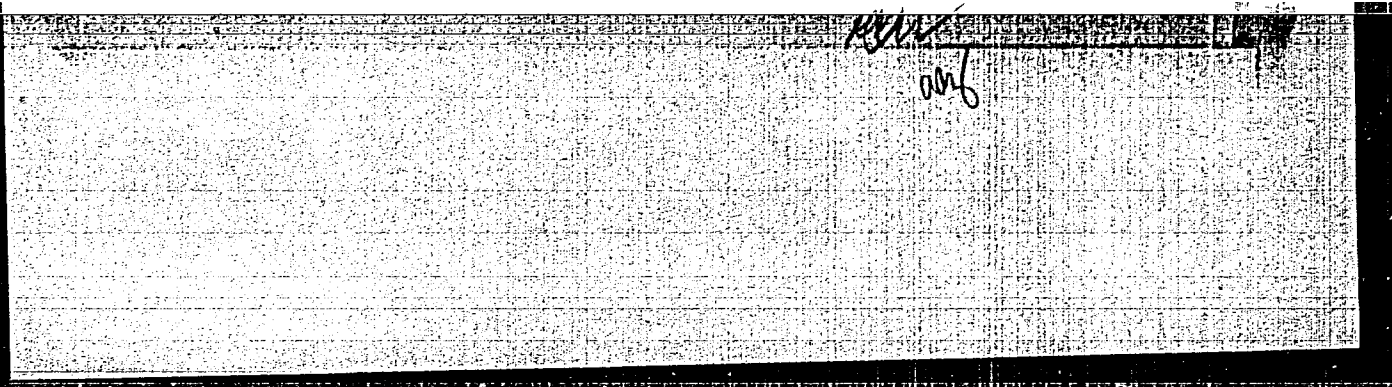
1. Dekan strojnicke fakulty, Bratislava.

SEDLAK, J. J. 0000

6075. SELF-EXCITATION OF ALTERNATORS J. Sedlak
Energetika (Prague), Vol 7, No. 4, 213-18 (1967) in Czech.
A simple formula based on analytical and graphical methods is
given to determine the capacitive reactance for the self-excitation
of alternators working into long, unloaded high voltage transmission
lines. The results of the analysis indicate that an alternator
rated at 120 kV, 5 km long transmission lines should be at
least 50 MVA rating to the increased leakage reactance.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001447620004-3



APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001447620004-3"

MELICHAROVA, V.; SEDLAK, J.

On the antimicrobial effect of a new Czechoslovakian preparation
Inhalex Spofa. Cesk. farm. 13 no.3:117-120 Mr '64

1. Vyzkumny ustav prirodnich leziv, Praha, a Mikrobiologicky
ustav lekarske fakulty hygienicke KU, Praha.

SEDLAK, Jan, inz.

Main principles of the draft of a standard of electric installations
in places with an explosion and fire risk from inflammable dust.
Elektrotechnik 18 no. 12:343-346 D '63.

1. Ustav technickeho dozoru.

SEDLAK, Jan

Translation of conditional expressional and conditional statements by Epos Algol compiler. Stroj na zprac inf 9:91-98 '63.

1. Research Institute of Mathematical Machines, Prague.

SEDIAR, Jan, inz.

Fifty years of the Jihomoravske energeticke zavody in Brno.

El tech obzor 53 no. 5: Supplement: Zpravy 53 no. 5:Z17-Z19
'64.

1. Jihomoravske elektrarny, Brno.

SEDLAK, J., inz.; SEMIDUBSKY, Zd., inz.

Characteristic features of computers. Automatizace 4 no.12:365
D '61.

(Calculating machines)

SEDMIDUBSKY, Zd., inz.; SEDLAK, J., inz.

Characteristics of calculating machines. Automatizace 5 no.1:
23 Ja '62.

SED:IDU:SKY, Zd., inz.; SEDLAK, Jan., inz.

Characteristics of calculating machines. Automatizace 5 no.2:
49 F '62.

SEDLAK, JAY inz.; SEMIDUBSKY, Zd., inz.

Characteristics of computers. Automatizace 5 no.3:80 Mr '62.

SEDLAK, Jan, inz.; SEDMIDUBSKÝ, Zdeněk, inz.; TOMASEK, Jar., inz.

Characteristics of calculating machines. Automatizace 5
no.5:144-145 My '62.

SEDMIDUESKY, Zdenek, inz.; SEDLAK, Jan, inz.

Characteristic features of computers. Automatizace 6 no.12:315
D '63.

1. The author is grateful to the staff of the Leningrad State University Library for their assistance in the preparation of this manuscript.

SEDLAK, J., inz.; SEMIDUBSKY, Zd., inz.

Characteristic values of computers. Automatizace 7 no.2:45,47
F'64.

SEDMIDUBSKY, Zdenek, inz.; SEDLAK, Jan, inz.

Characteristic values of computers. Automatizace 7 no.4:
106 Ap '64.

JANAC, K., inz. CSc.; SEDLAK, J., inz.; SEMIDUBSKY, Z., inz.

Characteristic values of computers. Automatizace 7 no. 6:
160-161 Je '64.

CHAMRAD, Valentin, inz.; SEDLAK, Jan, inz.; SEDMIDURSKY, Zdenek,
inz.

Characteristic computer values. Automatizace 7 no. 7:183
Jl '64.

SEDLAK, Jan, inz.; SEMIDUBSKY, Zdenek, inz.

Characteristic values of computers. Automatizace 7 no.8:211 Ag '64.

SEDLAK, Jan, inz.; SEMEDUBSKY, Zdenek, inz.; VALENTA, Jaroslav, inz.

Characteristic values of computers. Automatizace 7 no.9: 33
S 164.

SEDAM, Jan, inv.: SEDMIRNII, Ydnon, inv.

Characteristic data of computers. Automation 7 no. 10:200-209
0 10%.

SEDLAK, Jan, inz.; SEDMIDUBSKY, Zdenek, inz.

Characteristic data of computers. Automatizace 7 no.11:302
N '64.

I. 31582-6

ACC NR: A 6022980

SOURCE CODE: CZ/0080/65/000/009/0244/0244

AUTHOR: Pokorny, Zdenek (Engineer); Sedmidubsky, Zdenek (Engineer); Sedlak, Jan (Engineer)

ORG: none

TITLE: Characteristic data of computers

SOURCE: Automatizace, no. 9, 1965, 244

TOPIC TAGS: digital computer, data processing, transistor/MSP-2 digital computer

ABSTRACT: The data sheet is for the MSP-2, a small universal transistorized digital computer developed by the Research Institute of Mathematical Machines (Vyzkumny ustav matematickych stroju), Prague, with two prototypes made by Konstrukta Trencin. [JPRS]

SUB CODE: 09 / SUEM DATE: none / ORIG REF: 002

Cord

1/1

LC

0915

1065

SPENCER, Zdenek, ing. / MILAN, Jar. ing.

Characteristic values of computers Automata 6 no. 1/16-37
Ja 165

SEDLAK, Jan, inz.; SEMEDUBSKY, Zdenek, inz.

Characteristi values of computers. Automatizace 8 no.2:47 F '65.

①
CZECHOSLOVAKIA

SEDLAK, J; LANGER, P; MICHAJLOVSKIJ, N

Institute of Endocrinology, Slovak Academy of Sciences
(Endokrinologicky ustav Slovenskej akademie), Bratislava
(for all)

Bratislava, Bratislavske lekarske listy, No 1, January 1966,
pp 9-16

"Cabbage goitrogens and the possibilities of reducing their
level by intervention: during the vegetation period."

NEUBAUER, E.; SEDIAK, J.

Effect of neocathesine on kidney function. Bratisl. lek. listy 35
no.3:145-149 15 Feb 55.

1. Z internej klin. PLFUK v Kosiciach, predn. doc. MUDr. P.Por.
(KIDNEYS, physiology
in hypertension, eff. of neocathesine)
(HYPERTENSION, physiology
kidneys, eff. of neocathesine)

SEDLAK, Jan, MUDr.

Problem of control of increased absenteeism in disease. Cesk.
zdravot. 4 no.10:624-625 Oct 56.

1. Reditel ZUNZ OKD Ostrava.
(INDUSTRIAL HYGIENE,
absenteeism control (Cz))

SEDLAK, J.

SIMKO, J.; NEUBAUER, E.; SEDIK, J.

Effect of strenuous muscular exercise on hepatic & renal function in pregnant women. Cesk. gyn. 23[37] no.3:198-202 Apr 58.

1. Por. gyn. kl. v Kosiciach, pred. prof. Dr. T. Schwarz. - Int. kl. PLMUK v Kosiciach, pred. doc. Dr. F. Por. J. S., Kosice, Moysesova 9.

(EXERCISE, eff.

strenuous exercise on liver & kidney funct. in pregn. (Cz))

(LIVER, in pregn.

eff. of strenuous musc. exercise (Cz))

(KIDNEYS, in pregn.

same))

(PREGNANCY, physiol.

eff. of strenuous musc. exercise on liver & kidney funct. (Cz))

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and
Pathological). Metabolism.

T-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60091

Author : Sedlak, J.; Tursky, T.

Inst : Not given

Title : Vitamin B₆ in the Brain. Changes in Vitamin B₆ Content
in the Brain, Liver and Heart Muscle of Rats in the
Process of Ontogenesis

Orig Pub : Biologia, 1957, 12, No 3, 210-216

Abstract : In the process of ontogenesis (from the second to the
75th day of postembryonic life), a considerable increase
of vitamin B₆ was found in the brain of the rats; there
was practically no change in the B₆ content in the liver
and heart muscle.

Card 1/1

SEDLAK, J.; TURSKY, T.; GONSIOS, A.

"Vitamin B₆ in the brain. II. Changes in the concentration of Vitamin B₆ in the brain, liver, and the heart muscle of man during embryogenesis and postembryogenesis."

p. 208 (Biologia, Vol. 13, no. 3, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958